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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/824,950
Filing Date	April 15, 2004
First Named Inventor	Joel Q. Xue
Art Unit	3766
Examiner Name	Jessica L. Reidel
Attorney Docket Number	140824IT(5024-00119)

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Receipt Postcard
<div>Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Andrus, Scales, Starke & Sawall, LLP		
Signature			
Printed name	Peter T. Holsen		
Date	March 6, 2006	Reg. No.	54,180

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

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Typed or printed name	Melissa J. Cota	Date	March 6, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (10-04v2)

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FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180.00)

Complete if Known

Application Number	10/824,950
Filing Date	April 15, 2004
First Named Inventor	Joel Q. Xue
Examiner Name	Jessica L. Reidel
Art Unit	3766
Attorney Docket No.	140824IT(5024-00119)

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit Account Number: 50.2401
Deposit Account Name: GE Medical Systems-IT

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 790	2001 395	Utility filing fee	
1002 350	2002 175	Design filing fee	
1003 550	2003 275	Plant filing fee	
1004 790	2004 395	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$ 0.00)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims	-20** =	X	0.00
Independent Claims	-3** =	X	0.00
Multiple Dependent			

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 88	2201 44	Independent claims in excess of 3
1203 300	2203 150	Multiple dependent claim, if not paid
1204 88	2204 44	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 0.00)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 430	2252 215	Extension for reply within second month	
1253 980	2253 490	Extension for reply within third month	
1254 1,530	2254 765	Extension for reply within fourth month	
1255 2,080	2255 1,040	Extension for reply within fifth month	
1401 340	2401 170	Notice of Appeal	
1402 340	2402 170	Filing a brief in support of an appeal	
1403 300	2403 150	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,370	2453 685	Petition to revive - unintentional	
1501 1,370	2501 685	Utility issue fee (or reissue)	
1502 490	2502 245	Design issue fee	
1503 660	2503 330	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	180.00
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 790	2809 395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 790	2810 395	For each additional invention to be examined (37 CFR 1.129(b))	
1801 790	2801 395	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 180.00)

SUBMITTED BY

(Complete if applicable)

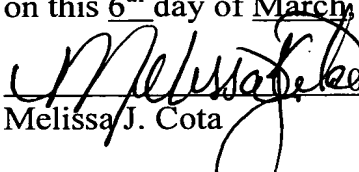
Name (Print/Type)	Peter T. Holsen	Registration No. (Attorney/Agent)	54,180	Telephone	414-271-7590
Signature		Date	March 6, 2006		

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No.:	10/824,950)	CERTIFICATE OF MAILING
Applicant:	Joel Q. Xue et al.	)	I hereby certify that this
Filed:	April 15, 2004	)	correspondence is being deposited
Title:	Method and Apparatus For	)	with the United States Postal Service
	Analysis Of Non-Invasive	)	with sufficient postage as first class
	Cardiac Parameters	)	mail in an envelope addressed to:
TC/A.U.:	3766	)	Commissioner of Patents, P.O. Box
Examiner:	Jessica L. Reidel	)	1450, Alexandria, VA 22313-1450,
		)	on this 6 th day of March, 2006.
)	
		)	03/06/2006
		)	Melissa J. Cota Date
Docket No.:	IT140824(5024-00119))	

INFORMATION DISCLOSURE STATEMENTUNDER 37 CFR §1.97(c)

Mail Stop: Amendment
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

Enclosed is a PTO Form 1449 as well as a copy of the each of the non-U.S. patent references cited therein.

The references are being submitted in accordance with 37 CFR 1.97(c). the requisite fee of \$180.00 is attached hereto.

The Commissioner is hereby authorized to charge the requisite fee of \$180.00 and any additional fees in connection herewith to Deposit Account No. 50.2401. A duplicate copy hereof is enclosed.

It is respectfully submitted that all requirements have been fulfilled for consideration of this Information Disclosure Statement, and such action is earnestly solicited. The Examiner is invited to contact Applicant's undersigned attorney with any


03/10/2006 WARDELRI 00000023 502401 10824950
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Application No. 10/824,950
Attorney Docket No. 140824IT(5024-00119)

questions or comments, or otherwise to facilitate prosecution. The Examiner is invited to contact Applicant's undersigned attorney with any questions or comments, or otherwise to facilitate prosecution.

Respectfully submitted,

ANDRUS, SCEALES, STARKE & SAWALL, LLP



Peter T. Holsen
Reg. No. 54,180

Andrus, Sceales, Starke & Sawall, LLP
100 East Wisconsin Avenue
Milwaukee, WI 53202
(414) 271-7590
Attorney Docket No: 155745(5024-00174)

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Substitute of form 1449/PTO

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INFORMATION DISCLOSURE STATEMENT BY
APPLICANT

Application Number	10/824,950
Filing Date	April 15, 2004
First Name Inventor	Joel Q. Xue, et al.
Group Art Unit	3766
Examiner Name	Jessica L. Reidel
Attorney Docket Number	140824 IT(5024-00119)

(use as many sheets as necessary)

Sheet 1 of 6

U.S. PATENT DOCUMENTS

Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
	3,554,187	Glassner et al.	1/12/1971
	3,658,055	Abe et al.	4/25/1972
	3,759,248	Valiquette	9/18/1973
	3,821,948	King	7/2/1974
	3,902,479	Chaumet	9/2/1975
	3,952,731	Worstencroft	4/27/1976
	4,124,894	Vick et al.	11/7/1978
	4,136,690	Anderson et al.	1/30/1979
	4,170,992	Dillman	10/16/1979
	4,181,135	Andresen et al.	1/1/1980
	4,202,340	Langer et al.	5/13/1980
	4,316,249	Gallant et al.	2/16/1982
	4,417,306	Citron et al.	11/22/1983
	4,432,375	Angel et al.	2/21/1984
	4,457,315	Bennish	7/3/1984
	4,458,691	Netravali	7/10/1984
	4,475,558	Brock	10/9/1984
	4,492,235	Sitrick	1/8/1985
	4,519,395	Hrushesky	5/28/1985
	4,583,553	Shah et al.	4/22/1986

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

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Substitute of form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/824,950
		Filing Date	April 15, 2004
		First Name Inventor	Joel Q. Xue, et al.
		Group Art Unit	3766
		Examiner Name	Jessical. Reidel
(use as many sheets as necessary)		Attorney Docket Number	140824IT (5024-119)
Sheet	2	of	6

U.S. PATENT DOCUMENTS				
Examiner Initials		U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
		4,589,420	Adams et al.	5/20/1986
		4,603,703	McGill et al.	8/5/1986
		4,616,659	Prezas et al.	10/14/1986
		4,665,485	Lundy et al.	5/12/1987
		4,679,144	Cox et al.	7/7/1987
		4,680,708	Ambos et al.	7/14/1987
		4,732,157	Kaplan et al.	3/22/1988
		4,796,638	Sasaki	1/10/1989
		4,802,491	Cohen et al.	2/7/1989
		4,832,038	Arai et al.	5/23/1989
		4,854,327	Kunig	8/8/1989
		4,860,762	Heumann et al.	8/29/1989
		4,896,677	Kaneko et al.	1/30/1990
		4,924,875	Chamoun	5/15/1990
		4,928,690	Heilman et al.	5/29/1990
		4,938,228	Righter et al.	7/3/1990
		4,951,680	Kirk et al.	8/28/1990
		4,955,382	Franz et al.	9/11/1990
		4,958,641	Digby et al.	9/25/1990
		4,972,834	Begemann et al.	11/27/1990
		4,974,162	Siegel et al.	11/27/1990
Examiner Signature			Date Considered	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>	Application Number	10/824,950
	Filing Date	April 15, 2004
	First Name Inventor	Joel Q. Xue, et al.
	Group Art Unit	3766
	Examiner Name	Jessica L. Reidel
Sheet 3 of 6	Attorney Docket Number	140824 AT (5024-00119)

U.S. PATENT DOCUMENTS

Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
	4,974,598	John	12/4/1990
	4,977,899	Digby et al.	12/18/1990
	4,979,510	Franz et al.	12/25/1990
	4,989,610	Patton et al.	2/5/1991
	5,000,189	Throne et al.	3/19/1991
	5,010,888	Jadvar et al.	4/30/1991
	5,020,540	Chamoun	6/4/1991
	5,025,795	Kunig	6/25/1991
	5,042,497	Shapland	8/27/1991
	5,092,341	Kelen	3/3/1992
	5,109,862	Kelen et al.	5/5/1992
	5,117,833	Albert et al.	6/2/1992
	5,117,834	Kroll et al.	6/2/1992
	5,188,116	Pommrehn et al.	2/23/1993
	5,201,321	Fulton	4/13/1993
	5,234,404	Tuttle et al.	8/10/1993
	5,253,650	Wada	10/19/1993
	5,277,190	Moulton	1/11/1994
	5,323,783	Henkin et al.	6/28/1994
	5,343,870	Gallant et al.	9/6/1994
	5,423,878	Franz	6/13/1995

Examiner Signature		Date Considered	
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(use as many sheets as necessary)		Attorney Docket Number	140824IT(5024-00119)
Sheet	4	of	6

U.S. PATENT DOCUMENTS

Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
	5,437,285	Verrier et al.	8/1/1995
	5,570,696	Arnold et al.	11/5/1996
	5,570,696	Arnold et al.	11/5/1996
	5,819,741	Karlsson et al.	10/13/1998
	5,921,940	Verrier et al.	7/13/1999
	6,169,919	Nearing et al.	1/2/2001

FOREIGN PATENT DOCUMENTS

Examiner Initials	Country Code	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Translation	English Abstract
	DE	2604460	Michael S. Lampadius	8/11/1977		
	DE	3303104	Belorussky Nauchno-Issledovatsky Institut Kardiologii	8/2/1984		
	DE	4024360	Transformatoren und Rontgenwerk GmbH	3/21/1991		
	EP	0080821	Datamedix, Inc.	6/8/1983		
	FR	2539978	Belorussky Nauchno-Issledovatsky Institut Kardiologii	8/3/1984		
	UK	2070871	Anderson et al.	9/9/1981		
	WO	WO81/02832	Datamedix, Inc.	10/15/1981		

Examiner Signature		Date Considered	
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		Examiner Name	Jessica L. Reidel
<i>(use as many sheets as necessary)</i>		Attorney Docket Number	140824IT (5024-00119)
Sheet	5	of	6

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
		SPERANZA et al., 'Beat-to-beat measurement and analysis of the R-T interval in 24 h ECG Holter recordings,' Med and Biol Eng & Comput, 1993, 31, pp. 487-494.
		NARAYANASWAMY et al., 'Selective beat signal averaging and spectral analysis of beat intervals to determine the mechanisms of premature ventricular contractions,' University of Oklahoma Health Sciences Center, May 1993, pp. 81-84.
		LAKS et al., 'ECG computer program developed for a retrospective and prospective study of the Pardee T wave,' Department of Medicine, UCLA School of Medicine, Harbor-UCLA Medical Center, Torrance, CA, 1992, pp. 365-368.
		MAKAROV et al., 'Holter monitoring in the long QT syndrome of children and adolescents,' Cor Vasa, 1990, 32(6), pp. 474-483.
		NAVARRO-LOPEZ et al., 'Isolated T wave alternans elicited by hypocalcemia in dogs,' Electrocardiology, 1978, 11(2), pp. 103-108.
		LITTLE et al., 'Torsade de Pointes and T-U wave alternans associated with arsenic poisoning,' Pace, 1990, 13, pp. 164-170.
		WEINTRAUB et al., 'The congenital long QT syndromes in childhood,' Journal of the American College of Cardiology, September 1990, 16(3), pp. 674-680.
		BIBLER et al., 'Recurrent ventricular tachycardia due to pentamidine-induced cardiotoxicity,' Chest, December 1988, 94(6), pp. 1303-1306.
		AHNVE et al., 'Circadian variations in cardiovascular parameters during sleep deprivation, A noninvasive study of young healthy men,' European Journal of Applied Physiology, 1981, 46, pp. 9-19.
		SURAWICZ, 'ST-segment, T-wave, and U-wave changes during myocardial ischemia and after myocardial infarction,' Canadian Journal of Cardiology, Supplement A, July 1986, pp. 71A-84A.
		STROOBANDT et al., 'Simultaneous recording of atrial and ventricular monophasic action potentials: monophasic action potential duration during atrial pacing, ventricular pacing, and ventricular fibrillation,' Pace, July-August 1985, 8, pp. 502-511.
		SHARMA et al., 'Romano-Ward prolonged QT syndrome with intermittent T wave alternans and atrioventricular block,' American Heart Journal, 1981, pp. 500-501.
		NAVARRO-LOPEZ et al., 'Isolated T wave alternans,' American Heart Journal, 1978, pp. 369-374.
		MITSUTAKE et al., 'Usefulness of the Valsalva Maneuver in management of the long QT syndrome,' Circulation, 1981, 63(5), pp. 1029-1035.

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<i>(use as many sheets as necessary)</i>		Attorney Docket Number	140824IT.. (5025-00119)
Sheet	6	of	6

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
		NEARING et al., 'Personal computer system for tracking cardiac vulnerability by complex demodulation of the T wave,' American Physiological Society, 1993, pp. 2606-2612.
		JOYAL et al., 'ST-segment alternans during percutaneous transluminal coronary angioplasty,' Division of Cardiology, Department of Medicine, University of Florida and the Veterans Administration Medical Center, June 1984, pp. 915-916.
		SCHWARTZ et al., 'Electrical alternation of the T-wave: clinical and experimental evidence of its relationship with the sympathetic nervous system and with the long Q-T syndrome,' American Heart Journal, January 1975, 89(1), pp. 45-50.
		SCHWARTZ, 'Idiopathic long QT syndrome: progress and questions,' American Heart Journal, February 1985, 109(2), pp. 399-411.
		VERRIER et al., 'Electrophysiologic basis for T wave alternans as an index of vulnerability to ventricular fibrillation,' Journal of Cardiovascular Electrophysiology, May 1994, 5(5), pp. 445-461.
		VERRIER et al., 'Behavioral states and sudden cardiac death,' Pace, September 1992, 15, pp. 1387-1393.
		TURITTO et al., 'Alternans of the ST segment in variant angina,' Chest, March 1988, 93(3), pp. 587-591.
		RING et al., 'Exercise-induced ST segment alternans,' American Heart Journal, May 1986, 111(5), pp. 1009-1011.
		WAYNE et al., 'Exercise-induced ST segment alternans,' Chest, May 1983, 83(5), pp. 824-825.
		VERRIER et al., 'Ambulatory electrocardiogram-based tracking of T wave alternans in postmyocardial infarction patients to assess risk of cardiac arrest or arrhythmic death,' Journal of Cardiovascular Electrophysiology, July 2003, 14(7), pp. 705-711.

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